

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/07858

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04Q3/62 H04Q3/00 H04M3/42

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04Q H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 337 858 B1 (FRANK A S ET AL) 8 January 2002 (2002-01-08) cited in the application column 2, line 59 -column 3, line 6 column 3, line 41-65 column 4, line 22-45 column 5, line 65 -column 6, line 9 column 6, line 64 -column 7, line 10 claims 1,29 --- -/--	1-20

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "P" document published prior to the International filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

18 November 2003

Date of mailing of the international search report

26/11/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 097 804 A (MELICK G R ET AL) 1 August 2000 (2000-08-01) column 2, line 14-22 column 2, line 43-58 column 3, line 18-24 column 3, line 47-56 column 9, line 63 -column 10, line 39 column 12, line 59 -column 13, line 2 ---	1-6, 8-11,13, 14,16-20
X	US 5 862 208 A (MELAMPY P J ET AL) 19 January 1999 (1999-01-19) column 2, line 25-52 column 9, line 18-24 ---	1-6, 16-20
X	US 5 841 854 A (MELAMPY P J ET AL) 24 November 1998 (1998-11-24) column 13, line 31-55 column 18, line 1-7 ---	1-3,16
X	US 2002/057777 A1 (NAGAYAMA YASUFUMI ET AL) 16 May 2002 (2002-05-16) paragraphs '0022!, '0023! paragraphs '0026!, '0028! paragraphs '0069!-'0071!, '0074! ---	1-6, 16-20

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Information on patent family members

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PCT/EP 03/07858

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